

# Registration

Registration is required for on-site attendance. Because of limited room capacity, you must register by Sept. 15, 2007.

Web cast attendees are encouraged to register to receive notification of future symposia.

Three ways to register:

- 1.) Register online at DTSC's Nanotechnology's Web page:  
<http://www.dtsc.ca.gov/>  
under (Emerging Issues) on the home page.

*or*

Fill out the following form:

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Organization \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_  
E-mail address \_\_\_\_\_

Attendance (select one)

- ☐ Byron Sher Auditorium
- ☐ Web cast

*and*

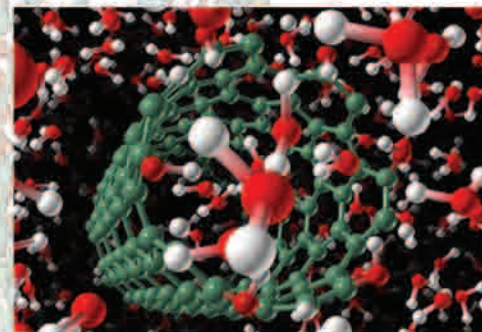
- 2.) Fax the completed form to  
(916) 255-6694, or
- 3.) Mail the completed form to:  
DTSC/HERD  
Attn: J. Denning  
8800 Cal Center Dr.  
Sacramento, CA 95826-3200

For additional information contact,  
Carmen Cruz, (916) 255-6640

Department of Toxic Substances Control  
Science, Pollution Prevention  
and Technology Development Program  
8800 Cal Center Dr.  
Sacramento, CA 95826-3200



## Nanotechnology Symposium II: Potential Hazards of Nanoparticles in the Environment



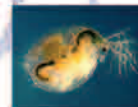
Petros Koumoutsakos



George Robinson (c) California Academy of Sciences



Marguerite Gregory (c) 2004 California Academy of Sciences



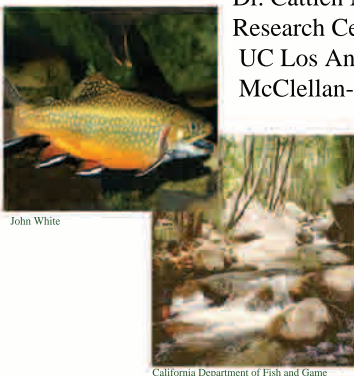
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Cal/EPA Building  
Byron Sher Auditorium  
1001 I Street, Second Floor  
Sacramento, Calif.  
Wednesday, Oct. 3, 2007  
9:30 a.m. - 4 p.m

# Nanotechnology Symposium II

The California Department of Toxic Substances Control (DTSC) invites you to the Nanotechnology Symposium II. This full-day symposium will focus on the chemical structure, measurement, toxicity, and potential risk of nanoparticles released to the environment. The symposium will feature some of the leading nanotechnology researchers and technical experts in the United States including

Dr. Cattien Nguyen, NASA Ames Research Center, Dr. Lutz Maedler, UC Los Angeles, Dr. Patricia McClellan-Green, North Carolina State University, Dr. Justin Teeguarden, Pacific Northwest National Laboratory, and Dr. Richard Denison, Environmental Defense.



The symposium is free and open to the public. A background in science or physics is not required to attend. Registration is required for on-site attendance, and space is limited. Web cast attendees are encouraged to register to receive notification of future symposia. Check the DTSC's Nanotechnology Web page: <http://www.dtsc.ca.gov/> under (Emerging Issues) on the home page for updates to the agenda, details on the registration, and information about the Web cast. If you have a special accommodation or language need, please contact us by e-mail at [sympreg3@dtsc.ca.gov](mailto:sympreg3@dtsc.ca.gov) by Sept.15, 2007.



## Potential Hazards of Nanoparticles in the Environment

Wednesday, Oct. 3, 2007

8:45 a.m.	Check In	
9:30 a.m.	Welcome and Opening Remarks	Maureen Gorsen, Director Department of Toxic Substances Control
9:45 a.m.	Chemical Properties and Commercial/Industrial Applications of Carbon Nanotubes	Cattien Nguyen, Ph.D. Nanotechnology Program NASA Ames Research Center Moffett Field, Calif.
10:30 a.m.	Questions and Answers	
10:45 a.m.	Break	
11:00 a.m.	Physico-Chemical Characterization of Nanoparticles and Its Relation to Their Bio-Interactions	Lutz Maedler, Ph.D. Chemical and Biomolecular Engineering University of California, Los Angeles
11:45 a.m.	Questions and Answers	
12:00 p.m.	Lunch	
1:00 p.m.	Potential Ecotoxicity of Nanoparticles Released to the Environment	Patricia McClellan-Green, Ph.D. Department of Environmental and Molecular Toxicology North Carolina State University Raleigh, N.C.
1:45 p.m.	Questions and Answers	
2:00 p.m.	Nanomaterial Human Health Risks and Risk Assessment	Justin Teeguarden, Ph.D. Environmental Technology Division Pacific Northwest National Laboratory Richland, Wash.
2:45 p.m.	Questions and Answers	
3:00 p.m.	One Proactive Approach to Responsible Nanotechnology Development: The DuPont-Environmental Defense NanoRisk Framework	Richard A. Denison, Ph.D. Environmental Defense Washington, D.C.
3:45 p.m.	Questions and Answers	
3:55 p.m.	Closing Remarks	Maureen Gorsen, Director Department of Toxic Substances Control